

CLAIMS:

1. Data processing system comprising a computer having a memory for storage and retrieval of at least one application program embodying a pre-determined functionality, and for storage and retrieval of at least one data-file, which computer comprises a user interface for entertaining communication between the computer and a user of said computer,
5 whereby the at least one application program comprises validation software for checking and enabling the operability of said application program in connection with the at least one data-file, and processing software for executing the said functionality in connection with the at least one data-file in dependence of said enabling by the validation software, characterized in that the validation software is executable separately and independent from the processing
10 software.
2. Data processing system according to claim 1, characterized in that the user interface is capable to start execution of the validation software and after completion thereof communicate a result of said execution to the user.
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3. Data processing system according to claim 1 or 2, characterized in that the user interface is capable to start execution of the validation software and/or to start execution of the validation software immediately followed by execution of the processing software.
- 20 4. Data processing system according to any of the preceding claims, characterized in that upon selection of an application program the user interface starts execution of the validation software of said application program in connection with all available data sets and after completion thereof communicates the data-file or data-files that are operable in connection with said application program.
- 25 5. Data processing system according to any one of the claims 1-4, characterized in that upon selection of a data-file the user interface starts execution of the validation software of all available application programs and after completion thereof communicates the application program or programs that are operable in connection with said data-file.

6. Data processing system according to any one of the preceding claims, characterized in that the user interface has a memory for storage and retrieval of a result or results from executing the validation software.

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7. Data processing system according to any one of the preceding claims, characterized in that the at least one application program and the at least one data-file relate to medical information.

10 8. Data processing system according to claim 7, characterized in that the medical information is medical diagnostic information.

9. Data processing system according to claim 7 or 8, characterized in that the at least one data-file contains information derived with an apparatus selected from the group of
15 MRI-, CT-, X-ray-, and ultrasound-systems.

10. Application program for use on a computer in connection with a data-file, comprising processing software embodying a pre-determined functionality, and validation software for checking and enabling the operability of said processing software in connection
20 with said data-file, characterized in that the validation software is executable separately and independent from the processing software.

11. Software-carrier provided with the application program according to claim 10.